

Product datasheet for SC205923

RASAL1 (NM_004658) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RASAL1 (NM_004658) Human 3' UTR Clone
Symbol:	RASAL1
Synonyms:	RASAL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004658
Insert Size:	681 bp
Insert Sequence:	>SC205923 3'UTR clone of NM_004658 The sequence shown below is from the reference sequence of NM_004658. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGCGGCCCTGGGCCCTTGGCCCCTAAGGAAATGCCAGAGCTAGCCCGGAAGGAGGAGCAAGAGCC
AGGGGGCCCTCTCAGCGCATCTGCCCGGGAGTCTCCTGTCTCCTTGGACCTTTTGATTCTGTGGT
TTGGAGGCTCCCAGAGACGTGCCTAGTCTGTGTGCCTTGAGTCCAGAACTCAGGGCATGGAAGCCCTT
TGGCAGGGGCCAGCCTTGCACTGAGTGAACCTTGCCTCTGGCTTGATTGACTGGAGTGGATAGGAT
AAGGAACCTGACTTATTGACTGAGACTGGGTCTCTACTTCACCAAAGTGCCTCTATCCATACCAAG
GAGGCCAGCCTGGCCCTGAGCTGTGGATACAGCTGGACCTGAATTCCTGATGCCCATGTGATGTTGTT
GCCCCAGATGGGCACTAAATGGCCTCACTCCTTCTGTTTTCATGTCTGCTAATCCCTATAACCTCACT
GATTCTTCTGTACCCTGCCCTTGGCCTAGGACTCCAACCACAAGCTTCCAGAATCAGGTGCCCTCAGGA
AGAACCAAGGCTGGTGGGGTCCAGTGTGCCAAACTCAGACCCTTGGAGCCTGGGAGACCTTGGGCCA
GGCTGTTTATCTCTCTCTGGGTCTCAGATTACCCTGTATAAAAAGAGGAGGAAAGTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_004658.3
Summary:	The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. These proteins stimulate the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This particular family member contains domains which are characteristic of the GAP1 subfamily of RasGAP proteins but, in contrast to the other GAP1 family members, this protein is strongly and selectively expressed in endocrine tissues. Alternatively spliced transcript variants that encode different isoforms have been described [provided by RefSeq, Jul 2010]
Locus ID:	8437
MW:	24.2